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(54) Title: ULTRASOUND DEVICES AND METHODS FOR TREATING ISCHEMIA AND OTHER CARDIOVASCULAR DISORDERS

(57) Abstract: Therapeutic ultrasound devices and methods are provided. The device (10) generally includes a substrate, for example, a flexible substrate (14), and multiple, individual transducer elements (16a, 16b, 16c) disposed on a face (18) of the substrate (14). The device may be provided as a part of an ultrasound system for that includes a generator unit and a controller including drive electronics. The device and method is especially useful for the treatment of ischemia and hypoxia using ultrasound levels that are generally no greater than those used for diagnostic purposes.